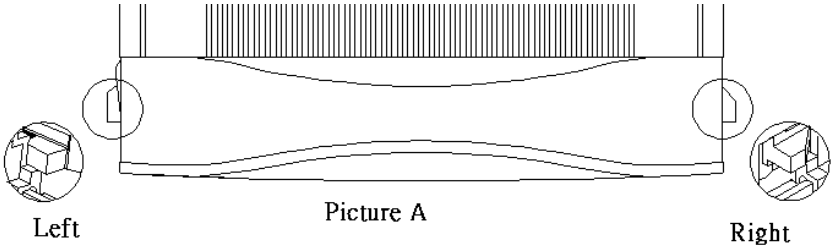
S-46WM Backplane

User's Manual

Features of product ---

- Aluminum frame, aluminum tray and plastic bezel
- Interface: Support SATA-I, II, III & SAS I, II,
- Compatible to use with 3.5" or 2.5" SATA, SAS HDD
- High performance transfer rate : Max up to 6Gbps for SAS-II & SATA-III
- Plug & play, hot swappable for 4 x 3.5" HDD or 4 x 2.5" HDD
- SATA 15Pin & 4Pin Power connectors
- LED for P/S, HDD access, Fan sensor & Buzzer, LED On/Off setting switch
- Power Control Switch for each HDD
- 3-stage temperature alarm settings & reset switch for buzzer alarm
- 8cm cooling fan x 1 and High/Low stage adjustable fan speed
- Patent handle design with mechanical lock and advanced structure design
- Color for choice: black or beige
- Patent balance handle-No skew in/out problem & avoid the abrasion during connection
- Precisely connection on connector (see picture A)
- Dim: 202(L) X 146(W) X 126(H) mm Weight : 1.7 Kgs



Picture A

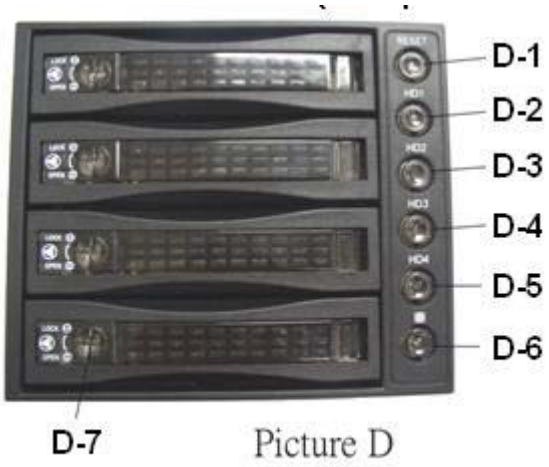
Picture C

--- Caddy Drive Drawer Install ---

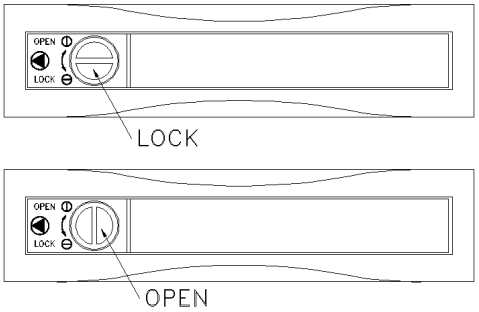
1) Use TM#6*4(for 3.5" HDD) & IM3*3.5(for 2.5" HDD) screws to mount the drive on the drawer. (see picture C)

2) With anti-shock stainless side springs on both side to reduce vibration (C1)

Front Panel -(see picture D, E)



Picture D



Picture E

D-1--- Reset Switch for buzzer alarm and over- heating LED

When overheating occurs(default setting is 60℃) the buzzer alarms and the temperature LED turns red, meanwhile, buzzer is alarming and LED is blinking. Press the Reset Switch to stop the alarm, and LED goes off.

D2--- D-5 (HD1～HD4, Power SW and LED):

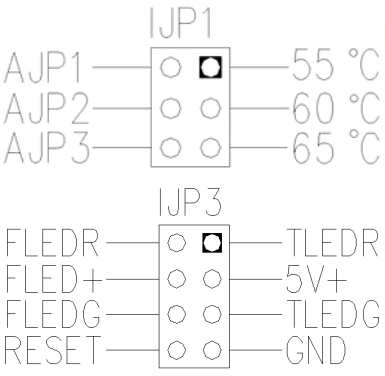
Power on, LED indicates Green. Orange color is blinking while HDD is in accessing

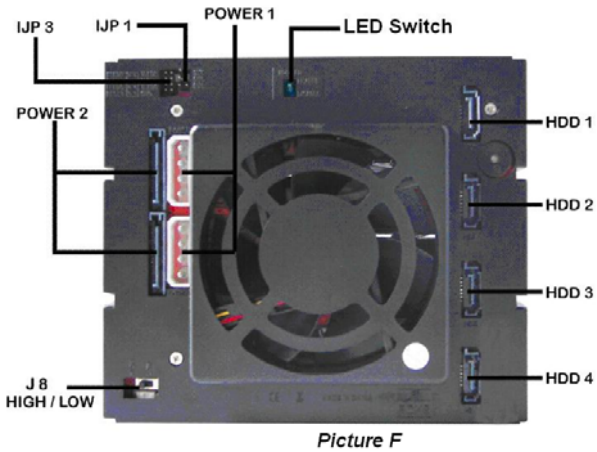
D-6--- Fan sensor LED: LED is indicating Green when powered on. When fan failed, LED turns Red.

D7--- Carrier Safety Lock

The safety lock safeguards the hard disk in the correct position and prevents it bouncing out while HDD is working. (see Picture E).

---Rear View--- (see picture F)





Picture F

Rear View Description (Picture F):

POWER1: 4pin Power connector

POWER2: 15pin Serial ATA Power connector [Two types power for connection (4pin power & 15pin SATA power). Use the 4pin power connector, or the 15pin power connector]. (Note: Can mix using 4pin and 15pin powers). Suggestion: At least 2 power, and 3 is better).

HD1—HD4: 7pin Serial ATA Signal connector

IJP1: Temperature setting jumper(default is 60℃)

IJP3: Extension function jumpers

FLEDR: Fan failure detection (red)

FLED+: Fan failure detection (+)

FLEDG: Fan failure detection (green)

RESET: Reset Switch for buzzer alarm and Overheating LED

TLEDR: Temperature detection (red) **5V+:** 5V Power

TLEDG: Temperature detection (green) **GND**：Grounded

LED Switch

a) When LED switch is set to “enable “position”, LED indicates Green when powered on and Orange color blinking for HDD accessing [In this case, the HDD does not spin up until the SATA initial signal is received].

b) When LED switch is set to “disable” position, LED always indicates SOLID GREEN both for HDD being powered on and HDD being accessing. [In this case, the hard drive is spinning up when the system power is turned on].